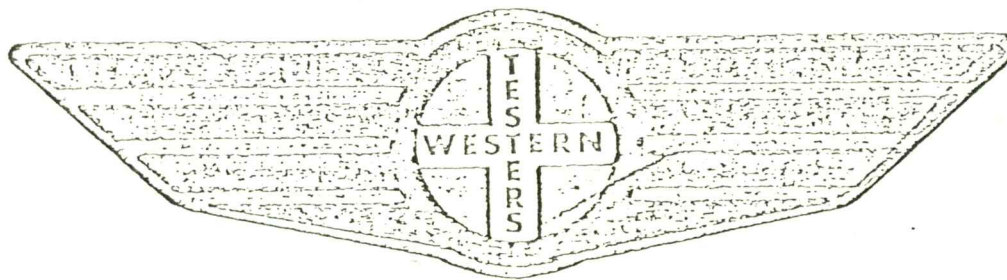


FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

pany J.O. FARMER, INC. Lease and Well No. #5 LEE Sec. 22 Twp. 29S Rge. 13W Res. No. 1 Date 3/17/8

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 3/15/84
CUSTOMER: J.O. FARMER INC.
WELL: 5
ELEVATION (KB): 0
SECTION: 22
RANGE: 13W
GAUGE SN #13549

TEST: 1
FORMATION: SIMPSON
TOWNSHIP: 29S
COUNTY: PRATT
RANGE: 4100

TICKET #3116
LEASE: LEE
GEOLOGIST: BOOKLESS ?
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 4575 FT TO: 4595 FT TOTAL DEPTH: 4595 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4570 FT SIZE: 6 5/8 IN Packer DEPTH: 4575 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN Packer DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: MOHAWK DRLG
MUD TYPE: VISCOSITY: 45
WEIGHT: 9.8 WATER LOSS (CC): 11.2
CHLORIDES (P.P.M.): 43000
JARS - MAKE: WTC SERIAL NUMBER: 417
DID WELL FLOW? YES REVERSED OUT? NO
DRILL COLLAR LENGTH: FT I.D.: IN
WEIGHT PIPE LENGTH: 450 FT I.D.: 2.7 IN
DRILL PIPE LENGTH: 4095 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 30 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 20 FT SIZE: 5 1/2 OD IN
SURFACE CHOKE SIZE: 3/4 IN BOTTOM CHOKE SIZE: 3/4 IN
MAIN HOLE SIZE: 7 7/8 IN TOOL JOINT SIZE: 4 1/2 FH IN

BLOW: STRONG BLOW THROUGHOUT TEST.
GAS TO SURFACE IN 5 MINUTES ON INITIAL FLOW.
SEE ATTACHED SHEET FOR GAS MEASUREMENTS.

RECOVERED: 850	FT	OF: OIL.
RECOVERED: 240	FT	OF: SLIGHTLY MUD CUT OIL.
RECOVERED: 180	FT	OF: WATER. CHLORIDES 69000 PPM.
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:

REMARKS: FLOWED OIL CUT MUD IN 10 MINUTES
ON FINAL FLOW PERIOD.

TIME SET PACKER(S): 11:35 AM	TIME STARTED OFF BOTTOM: 2:20 PM
WELL TEMPERATURE: 134 °F	
INITIAL HYDROSTATIC PRESSURE:	(A) 2453 PSI
INITIAL FLOW PERIOD MIN: 45	(B) 187 PSI TO (C) 391 PSI
INITIAL CLOSED IN PERIOD MIN: 45	(D) 753 PSI
FINAL FLOW PERIOD MIN: 30	(E) 402 PSI TO (F) 508 PSI
FINAL CLOSED IN PERIOD MIN: 45	(G) 753 PSI
FINAL HYDROSTATIC PRESSURE	(H) 2391 PSI

GAS FLOW REPORT

Date 3/15/84 Ticket 3116 Company J. O. Farmer, Inc.
 Well Name and No. Lee #5 Dst No. 1 Interval Tested 4575-4595
 County Pratt State Kansas Sec. 22 Twp. 29S Rg. 13W

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	Description of Flow
PRE FLOW					
Gas to surface in 5 minutes					
5	13 (H2O)	1 1/2			251,000 CFPD
10	14	1 1/2			260,000
15	15	1 1/2			270,000
20	15	1 1/2			270,000
25	9	1 1/2			209,000
30	9	1 1/2			209,000
35	6	1 1/2			170,000
40	4	1 1/2			139,000

GAS BOTTLE

Serial No. _____ Date Bottle Filled 3/15/84 Date to be Invoiced 3/15/84

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1 1/2% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME J.O. Farmer

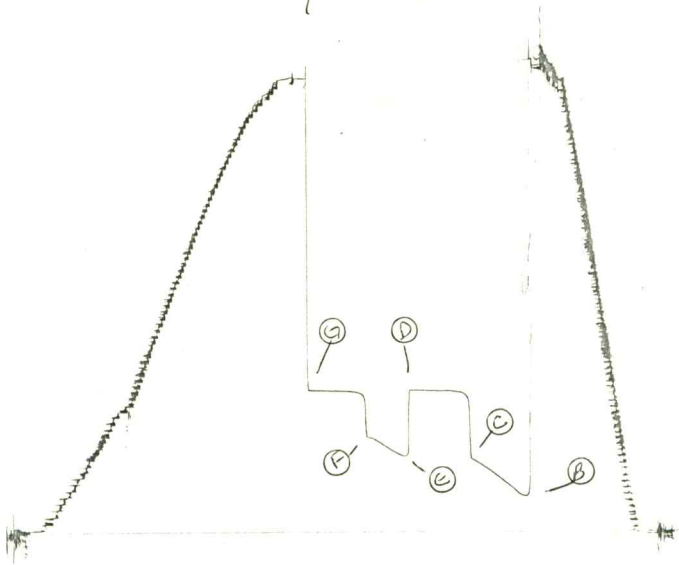
Authorized by _____

+CC⁺ 3114

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(H)

(A)



4C1C# 3114

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